

# SOUTH PRODUCTION NOTES

August 5, 2016

3-11 Shift Notes

**BASF EMPLOYEES**

262 Last Recordable

322 Last Lost time

**Title V Notes:** Trimer – has been fixed and calibrated, running well. WOW for secondary ORP probe on tank 2 not working.

B9 Sump – have CRTs walk a couple times per shift to check for overflow.

F2 – Sample taken on day shift, waiting on results. Overflow is open.

CTO – Currently down. Will need to bring back up when we get #3 MED back up and running so we can light the calciner.

Sly – Back up and running. Currently, the old flow meter has been re-installed. Take the title V reading there. Flow meter for nozzles is working. Elliot needs to still work on meter for the bed.

Virons – Caustic is working to tanks.

NOx/CO system is still having issues with the alarms going off. We may end up disabling some of them until we can figure out the issue.

## Work To Be Done in the Department:

- New cleaning rings for the screeners are on the 1<sup>st</sup> floor.

### #1 MED / AI 5645:

Stopped due to spiral elevator being plugged with solid material. Schirmer in process of cleaning, hopefully can finish today. If they don't get the doors on we will need to get them installed asap.

We don't want to run out of feed on the calciner.

Need to get to batch 366 ish when we start up.

Also looking into having the dryer bed interlocked with the burners, so when they kick out the dryer stops. Rob T. has been contacted, he should have an answer for us by tomorrow, will probably need an MOC for this mod.

### #1 RC / AI 5645:

Continue to feed.

Remember to take surface areas.

### #2 MED line / D 0768:

Need to walk the line and then can start as manpower allows.

WOW for the dust collection arm by the extruder (broken support bracket).

Cu-0860 used 2800lbs too much nalco in last run.

**#2 RC / D 0768:**

Continue cleaning. Need to finish asap.

**#3 MED line / D-1780 LAQ:**

Dryer has been repaired, ready to start making batches.

**#3 RC / D-1780 LAQ:**

Out of feed.

**Make sure to seal pouches on labels (we have had a few fall out).**

**#4 RC / Ni-4322 Next:**

Lit and waiting on feed. Plan is to start feeding on Sunday night so we can build up some feed. Will need to keep a close eye on the Trimer because this is a high nitrate product.

**#5 RC / Cu 0539 Next:**

Continue cleaning. 5A dust collector filter change has been started. When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on day shift.

**#6 RC & Dryer / D-0257:**

Continue to feed.

Sly scrubber is having communication issues, Rob is working on.

Flow meter for bed needs to be installed still (old flow meter has been re-installed), take the title V reading there.

**West Pfaudler / Ni 4322:**

First batch was made and is currently in the pfaudler. Tumble periodically to avoid turning it into rock candy until we can feed it to the National once lit.

**East Pfaudler / D-0257:**

Continue to make batches to keep line full. Vacuum pump started vibrating pretty badly when tank was hot – WOW.

**6 Tank / Ni 4322 (Nickel nitrate):**

Take SPG each shift. Looking to be in 1.69 to 1.72 SPG.

Tank must be monitored regularly.

**7 Tank / Ni 4322 (Nickel Nitrate):**

Tank must be monitored regularly to maintain SPG.

### **National Dryer / Ni 4322:**

Maintenance currently working on keeping it lit, has been kicking out on us. Looks like a issues with the belt or belt motor.

The first batch needs to be set up to take off bags at 300 lbs for dry back bags.

### **PK Blender / Pill mix:**

Continue to make batches of AI 3915 pill mix.

At some point after some pill mix is made we need to make up 1 batch of Catoxid to get rid of the solution in the day tank. A special batch sheet is in the MOD for this batch.

Do not open valve to the sump unless the sump is running, had issue with the bldg flooding.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet. DO NOT USE

DP Gauge should be set at 3.5 and 4.25.

### **Abbe Blender:**

Abbe has been rinsed as well as the tank and the lines.

### **Tower 3 / Ni 230:**

Tower has been unloaded. Need to open top and rinse out. Okay to load but not start. Kristen will let us know when maintenance is done and we can start.

### **Tower 6 / E 406:**

Continue running.

### **North Screener / ?:**

Installing new hoist system now. PSSR has been done. Need to finish a few start up items before starting to use.

### **South Screener / E 406:**

Continue screening. Partial drum was topped off. Stretch wrapper is working. Please wrap your drums as full pallets are made. See Tower operator or GL for quick informational session on how to operate.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

### **#2662 (west) Pill Machine / AI 3915:**

Down due to no feed.

Need more pill mix, North needs to get their hoist repaired.

### **#2664 (east) Pill Machine / Cleaning:**

Down due to no feed.

Need more pill mix, North needs to get their hoist repaired.



**TK #2 / ?:**

**Done. Leave the saggars on – Next Product?**

**TK #4 / 103 GP screening:**

**Screening is done.**

**Harrop Kiln / Al-3920:**

**Continue running.**

**We need to stop feeding hot material to the screener by making a large pile on the top of the screener then turning it on after the material has cooled. By overloading the screener we are causing the product to not screen correctly and this putting us out of spec on this material. We must now rescreen a bunch of material we have already made. Please allow cars to come around and cool, and feed the screener only if you are able to keep the screener running.**

**Building 27 Belt Filter / Cu 6081:**

**Continue. New scale has been brought over to use so that we can finish up the totes of caustic.**

**We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.**

**Top 14 are important enough to keep running and staffed, top 7 cannot afford to have additional production interruptions.**

- 1) #4 RC/Trimer/West Pfaudler/National Dryer**
- 2) #1 MED/RC/Trimer**
- 3) #6 RC/East Pfaudler (once started up early next week)**
- 4) #1 RC North**
- 5) North CUAPV (to keep #1 RC North running)**
- 6) North PK/Wyssmont**
- 7) #3 MED/RC/CTO**
- 8) #2 MED/RC**
- 9) #5 RC – Must be ready to run Cu-0539 P (Trimer) when #1 RC is done (Trimer)**
- 10) South Precip/APV**
- 11) South PK ((For Al Pill Mix)**
- 12) Horne Machines**
- 13) Harrop Kiln**
- 14) Reduction Towers/Screening**
- 15) PR2 Al-3915 T**
- 16) Kneader**
- 17) PR2 Cu-0864 T**